

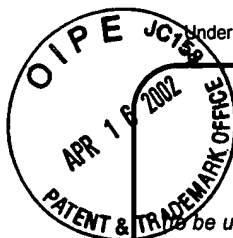
Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

Do not be used for all correspondence after initial filing)

TRANSMITTAL FORM	Application Number	10/074,068	
	Filing Date	February 12, 2002	
	First Named Inventor	Liang, Xuecheng	
	Group Art Unit	To Be Assigned	
	Examiner Name	To Be Assigned	
Total Number of Pages in This Submission	11	Attorney Docket Number	1655-P3002-001

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): return postcard, check for \$105 (small entity) with Cert. of Mailing
Remarks		

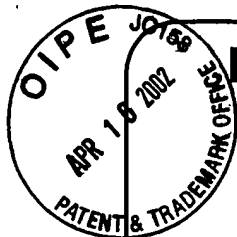
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	William J. Schramm, Reg. No. 24,795 REISING, ETHINGTON, BARNES, KISSELLE, LEARMAN & McCULLOCH, P.C.
Signature	
Date	4-9-02

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: April 9, 2002			
Typed or printed name	William J. Schramm		
Signature		Date	April 9, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 105

Complete if Known

Application Number	10/074,068
Filing Date	February 12, 2002
First Named Inventor	Liang, Xuecheng
Examiner Name	To Be Assigned
Group / Art Unit	To Be Assigned
Attorney Docket No.	1655-P3002-001

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

05-0852

Deposit
Account
Name

Reising, Ethington

☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$) 0

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid	
-20**	= 0	X	= 0	
Independent Claims	-3**	= 0	X	= 0
Multiple Dependent		X	= 0	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$) 105

SUBMITTED BY

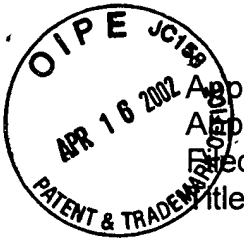
Complete (if applicable)

Name (Print/Type)	William J. Schramm	Registration No. Attorney/Agent)	24,795	Telephone	248-689-3500
Signature				Date	4-9-02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant : Liang, Xuecheng
Appl. No. : 0/074,068
Filed : February 12, 2002
Title : A WEAR RESISTANT ALLOY CONTAINING RESIDUAL
AUSTENITE FOR VALVE SEAT INSERT

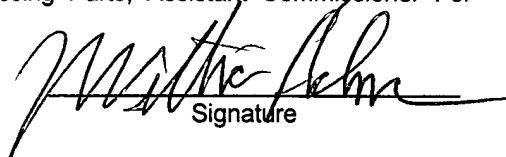
Grp./A.U. : To Be Assigned
Examiner : To Be Assigned

Docket No. : 1655-P3002-001

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Assistant Commissioner For Patents, Washington, D.C. 20231 on:

April 9, 2002
Date

William J. Schramm
Name


Signature

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION**

Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to "Notice To File Missing Parts of Nonprovisional Application" dated March 12, 2002, transmitted herewith for filing are the following:

1. Copy of Notice to File Missing Parts of Application;
2. Signed Declaration for Utility or Design Patent Application;
3. Signed Power of Attorney or Authorization of Agent;
4. Signed Assignment of Application with recordation form cover sheet; and
5. Check in the amount of \$105.00 – (incls. \$65 surcharge and \$40 Assignment recordal fee).



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/074,068	02/12/2002	Xuecheng Liang	1655-3002-001

23399
REISING ETHINGTON BARNES KISSELLE
LEARMAN AND MCCULLOCH PC
P O BOX 4390
TROY, MI 48099-4390



CONFIRMATION NO. 6672

FORMALITIES LETTER



OC000000007621695

Date Mailed: 03/12/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37-CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

*A copy of this notice **MUST** be returned with the reply.*

Tedus

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

04/10/2002 AOSMAN1 00000077 10074068

01 FC:295

65.00 0P



Appl. No. 10/074,068

-2-

The Commissioner is hereby authorized to charge any additional fees associated with this filing to Deposit Account No. 50-0852.

Respectfully submitted,

REISING, ETHINGTON, BARNES,
KISSELLE, LEARMAN & McCULLOCH, P.C.

A handwritten signature in black ink, appearing to read "William J. Schramm", written over a horizontal line.

William J. Schramm
Registration No. 24,795
P.O. Box 4390
Troy, Michigan 48099
(248) 689-3500

Date: April 9, 2002